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Title: Obtaining normal disomic stem cells from chromosomally abnormal embryos

Pro Se Inventor's Reply to the First Office Action

Dear Examiner Thaian Ton,
As a pro se inventor, it is my understanding that if you find any patentable material you can write the claim for me. Please find my responses to your first office action.
Claim Objections:
1. A disomic cell line derived from trisomic embryos

Rewrite as
Claim 1) I claim a disomic cell line derived from trisomic embryos.

2. A stem cell line derived from said disomic cell lines of claim 1
Rewrite as
Claim 2) I claim a stem line derived from said disomic cell lines of claim 1.

3. A method of producing disomic cell lines consisting of the steps of: a) culturing trisomic embryos onto mouse feeder cells consisting of mouse embryonic fibroblast cells (ATCC-STO) said mouse embryonic fibroblast cells having been previously mitotically inactivated by mitocimin C in gelatin-tissue culture dishes. b) Maintaining said mouse feeder cells using Dulbecco's Modified Eagle Medium (DMEM) without sodium pyruvate, glucose 4500 mgL-1 supplemented with 20% fetal bovine serum, 0.1 mM - mercaptoethanol, 1% non-essential amino acids, 1 mM L-glutamine, 50 units ml L-1 penicillin. c) Supplementing said medium with human recombinant Leukemia Inhibitory factor at 2000 units mL-1 and bFGF 4 ng/ml d) Culturing said embryos in said medium until day 12 e) Fixing and analyzing by FISH said embryonic cell lines Identifying and isolating disomic cell lines within said embryonic cell lines wherein disomic cell lines are produced.

Rewrite as
Claim 3) I claim a method of producing disomic cell lines consisting of the steps of:

a) culturing trisomic embryos onto mouse feeder cells consisting of mouse embryonic fibroblast cells (ATCC-STO) said mouse embryonic fibroblast cells having been previously mitotically inactivated by mitocimin C in gelatin-tissue culture dishes, and
b) maintaining said mouse feeder cells using Dulbecco's Modified Eagle Medium (DMEM) without sodium pyruvate, glucose 4500 mgL-1 supplemented with 20% fetal bovine serum, 0.1 mM -mercaptoethanol, 1% non-essential amino acids, 1 mM L-glutamine, 50 units ml L-1 penicillin, and
c) supplementing said medium with human recombinant Leukemia Inhibitory factor at 2000 units mL-1 and bFGF 4 ng/ml d) Culturing said embryos in said medium until day 12, and
e) fixing and analyzing by FISH said embryonic cell lines, and
identifying and isolating disomic cell lines within said embryonic cell lines wherein disomic cell lines are produced.

4. A method of claim 3 wherein stem cell lines are isolated from said disomic cell lines.
Rewrite as:
Claim 4) I claim a method of claim 3 wherein stem cell lines are isolated from said disomic cell lines.

I attach a separate sheet of paper with a "clean" copy of claims 1 -4, now renumbered as Claims 5, 6, 7, 8 and Claims 1 through 4 are cancelled. I assume the Technical Section will then renumber these claims if allowed as 1 through 3 at the end of this examination process.

Re: Oath and Declaration, find attached a new signed Oath and Declaration with the Citizenship corrected from the ambiguous "American" as you pointed out to "USA".